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ADDENDUM NO. 1

DATE: May 18, 2017

PROJECT: B&B Electric New Pre-fab facility

Project #: **1711**

This addendum to the contract documents is issued to modify, explain, or correct the original Drawings and Specifications and is therefore made a part of the Contract Documents now in your possession.
Please indicate receipt of Addenda on Proposal. All trades shall review and are responsible for items relating to their work.

CLARIFICATIONS

- The project will be awarded as a SINGLE-PRIME (GC) for the total building and interior construction. The base bid shall be the entire project with the line item: Interior Offices and Partitions serving as informational for the owner with using a separate funding source.
- Building permit shall be part of the contractors bid and will be the responsibility of the General Contractor to cover the costs and application associated with permit request. The plans have been Conditionally Approved and the drawings will be available to the awarded contractor for use in permitting.
- The will be no performance bond required with the project.
- Test reports shall be provided for the concrete using cylinder testing and mix reports from the concrete supplier. Tests shall be completed for the pour in place concrete.
- Collateral loading for the Pre-engineered building shall be 3psf.
- All eaves shall have standard manufacturer eave trim.
- The bid shall be for the building and 5'-0" immediately around the south and west, and the parking lot area. There are some site clarifications pending and will be handled post bid.
- The site will be prepped within 1'-0" of subgrade for the new building pad.
- Blacktop thickness shall be 4" with 8" well compacted gravel base course over granular fill.

SPECIFICATIONS

- 07 72 00-3 Omit lines 1 thru 35, there is no roof hatch as part of this project.
- 08 51 13-2 Line 18: Add sliding in addition to the fixed operating types.
- 09 30 13 Remove this section, and replace with section 09 65 19 Resilient Flooring
- 09 65 19 Add this section for the LVT specification.
- 13 34 19-5 Line 41 shall be revised to Ground Snow Load (Pg): 50 L
- 13 34 19-9 **Replace Lines 44-52 with:**
  - 24-gauge steel coated both sides with layer of acrylic-coated Galvalume aluminum-zinc alloy (approximately 55 percent aluminum, 45 percent zinc) applied by continuous hot-dip method.

- Minimum 0.55-ounce coated weight per square foot as determined by triple-spot test, ASTM A 792.
- Apply clear acrylic film for additional protection.

- 13 34 19-11 **Replace Line 9-43 with:**
  - Exterior Metal Wall System: Butler Manufacturing™ "Shadowall™" wall system.
  - Wall System Design: Design wall panels in accordance with AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
  - Wall Panels:
    - Roll-formed panels, 3 feet wide with 4 major corrugations, 1-7/16 inches high, 12 inches on center, with 2 minor corrugations between each of the major corrugations entire length of panel.
    - One piece from base to building eave.
    - Each Panel Corrugation: Fastener alignment groove to center fastener within corrugation.
    - Exposed Panel Side Laps: Hemmed to eliminate raw cut panel edge.
    - Upper End of Panels: Fabricate with mitered cut to match corrugations of "Butlerib®II" roof panels of 1/2 inch to 12 inches and square cut for all other roof panels and slopes.
    - Factory punch or field drill wall panels at panel ends and match factory-punched or field-drilled holes in structural members for proper alignment.
      - 26-gauge or 24-gauge painted Galvalume aluminum-zinc alloy (approximately 55 percent aluminum, 45 percent zinc), ASTM A 792.
      - Paint with exterior colors of "Butler-Cote™" finish system, full-strength, 70 percent "Kynar 500" or "Hylar 5000" fluoropolymer (PVDF) coating.
      - PVDF Coating Warranty: Metal building system manufacturer shall warrant coating for 25 years for the following.
        - Not to peel, crack, or chip.
        - Chalking: Not to exceed ASTM D 4214, #8 rating.
        - Fading: Not more than 5 color-difference units, ASTM D 2244.
  - Fasteners:
    - Wall Panel-to-Structural Connections: Torx-head "Scrubolt™" or Torx-head self-drilling screws.
    - Wall Panel-to-Panel Connections: Torx-head self-drilling screws.
    - Fastener Locations: Indicated on erection drawings furnished by metal building system manufacturer.
    - Exposed Fasteners: Factory painted to match wall color.
  - Accessories:
    - Accessories (i.e., doors, windows, louvers): Standard with metal building system manufacturer, unless otherwise noted and furnished as specified.
    - Location of Standard Accessories: Indicated on erection drawings furnished by metal building system manufacturer.
  - Energy Conservation:
    - Minimize heat loss (thermal short circuit) caused by compression of blanket insulation between structural members and wall panels by use of thermal block at each structural location.

DRAWINGS

- Sheet A301 Bracing at frames along grid line 3 between E&F and F&G shall be portal frames
- Sheet A302 Window type 3 can be replaced with a fiberglass unit in lieu of aluminum
- Sheet A501 Wall type A shall be clarified as a single R-19 batt pinched over the wall girts
- Sheet S902 -All sub-slab and subgrade insulation shall be 2" XPS insulation
  -Reinforcement can be #4 bars 1'0" o.c. in lieu of the 6x6 W5.5xW5.5
  -Provide control joints a minimum of 15'-0" o.c.
  -Exterior slab reinforcement shall be #4 bars 1'-0" o.c. doweled into slab with 24" #4 @ 12" o.c.

END OF ADDENDUM

SECTION 09 65 19
RESILIENT TILE FLOORING

PART 1 - GENERAL

SUMMARY
Section Includes:
- Solid vinyl floor tile.
- Rubber floor tile.
- Vinyl composition floor tile.

ACTION SUBMITTALS
Product Data: For each type of product.

Shop Drawings: For each type of floor tile. Include floor tile layouts, edges, columns, doorways, enclosing partitions, built-in furniture, cabinets, and cutouts.

Show details of special patterns.

Samples: Full-size units of each color and pattern of floor tile required.

CLOSEOUT SUBMITTALS
Maintenance data.

WARRANTY
Provide minimum of 10 year limited commercial wear warranty.

PART 2 - PRODUCTS

PERFORMANCE REQUIREMENTS
Fire-Test-Response Characteristics: For resilient tile flooring, as determined by testing identical products according to ASTM E 648 or NFPA 253 by a qualified testing agency.

Critical Radiant Flux Classification: Class I, not less than 0.45 W/sq. cm.

SOLID VINYL FLOOR TILE
A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
   1. Armstrong World Industries, Inc.
   2. Mannington Mills, Inc.
   3. Shaw Contract Group; a Berkshire Hathaway company.

Tile Standard: ASTM F 1700.
- Class: High Performance LVT, Class III Printed film vinyl plank
- Type: B, embossed surface.
- Traffic Class: Commercial Heavy
- Slip Resistance: >0.65

Thickness: .118” minimum with minimum .020” wear layer.

Size: 4”x36”

Finish: No wax no buff manufacturer standard finish.

Colors and Patterns: Wood grain pattern as selected by Architect from full range of industry colors.

INSTALLATION MATERIALS

Trowelable Leveling and Patching Compounds: Latex-modified, portland cement based or blended hydraulic-cement-based formulation provided or approved by floor tile manufacturer for applications indicated.

Adhesives: Water-resistant type recommended by floor tile and adhesive manufacturers to suit floor tile and substrate conditions indicated.

Floor Polish: Provide protective, liquid floor-polish products recommended by floor tile manufacturer.

PART 3 - EXECUTION

PREPARATION

Prepare substrates according to floor tile manufacturer's written instructions to ensure adhesion of resilient products.

Concrete Substrates: Prepare according to ASTM F 710.

Verify that substrates are dry and free of curing compounds, sealers, and hardeners.

Remove substrate coatings and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, using mechanical methods recommended by floor tile manufacturer. Do not use solvents.

Alkalinity and Adhesion Testing: Perform tests recommended by floor tile manufacturer. Proceed with installation only after substrate alkalinity falls within range on pH scale recommended by manufacturer in writing, but not less than 5 or more than 9 pH.

Moisture Testing: Proceed with installation only after substrates pass testing according to floor tile manufacturer's written recommendations, but not less stringent than the following:

Perform anhydrous calcium chloride test according to ASTM F 1869. Proceed with installation only after substrates have maximum moisture-vapor-emission rate of 3 lb of water/1000 sq. ft. in 24 hours.

Perform relative humidity test using in situ probes according to ASTM F 2170. Proceed with installation only after substrates have a maximum 75 percent relative humidity level.

Access Flooring Panels: Remove protective film of oil or other coating using method recommended by access flooring manufacturer.

Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound; remove bumps and ridges to produce a uniform and smooth substrate.

Do not install floor tiles until they are the same temperature as the space where they are to be installed.

Immediately before installation, sweep and vacuum clean substrates to be covered by resilient floor tile.

FLOOR TILE INSTALLATION

Comply with manufacturer's written instructions for installing floor tile.

Lay out floor tiles from center marks established with principal walls, discounting minor offsets, so tiles at opposite edges of room are of equal width. Adjust as necessary to avoid using cut widths that equal less than one-half tile at perimeter.

Lay tiles square with room axis.

Match floor tiles for color and pattern by selecting tiles from cartons in the same sequence as manufactured and packaged, if so numbered. Discard broken, cracked, chipped, or deformed tiles.

Lay tiles with grain running in one direction.

Scribe, cut, and fit floor tiles to butt neatly and tightly to vertical surfaces and permanent fixtures including built-in furniture, cabinets, pipes, outlets, and door frames.

Extend floor tiles into toe spaces, door reveals, closets, and similar openings. Extend floor tiles to center of door openings.

Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on floor tiles as marked on substrates. Use chalk or other nonpermanent marking device.

Install floor tiles on covers for telephone and electrical ducts, building expansion-joint covers, and similar items in finished floor areas. Maintain overall continuity of color and pattern between pieces of tile installed on covers and adjoining tiles. Tightly adhere tile edges to substrates that abut covers and to cover perimeters.

Adhere floor tiles to flooring substrates using a full spread of adhesive applied to substrate to produce a completed installation without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, and other surface imperfections.

CLEANING AND PROTECTION

Comply with manufacturer's written instructions for cleaning and protecting floor tile.

Cover floor tile until Substantial Completion.

END OF SECTION